

**PROJECT DESCRIPTION**

**GENERAL**

THIS PROJECT INVOLVES THE INSTALLATION OF A NEW HAZARD IDENTIFICATION BEACON (HIB) ALONG NORTHBOUND MD 4 (SOUTHERN MARYLAND BLVD.) APPROXIMATELY 1100 FT SOUTH OF TALBOTT ROAD. A FLASHER HOUSED IN A TYPE "G" POLE MOUNTED CABINET SHALL BE INSTALLED AT THIS LOCATION. THE HIB WILL FLASH AT ALL TIMES. MD 4 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

**EQUIPMENT LIST FOR CONTRACT NO. XX4475185**

**A. EQUIPMENT TO BE SUPPLIED BY THE SHA.**

ITEM	QUANTITY	UNIT	DESCRIPTION
9012	1	EA	[UPDATED] 2 CIRCUIT FLASHER
9037	1	EA	[UPDATED] CABINET "G" TYPE POLE MOUNT
9570	112	SF	[UPDATED] SHEET ALUMINUM GROUND MOUNTED SIGN
	2	EA	R5-1 (36"x36") DO NOT ENTER SIGN
	4	EA	R5-1a (36"x24") WRONG WAY SIGN
	2	EA	R6-3 (30"x24") DIVIDED HIGHWAY SIGN
	4	EA	R6-1L (36"x12") ONE WAY SIGN
	4	EA	R6-1R (36"x12") ONE WAY SIGN
	4	EA	R1-1 (36"x36") STOP SIGN
9571	50	SF	[UPDATED] SHEET ALUMINUM MAST ARM / POLE MOUNTED SIGN
	1	EA	MODIFIED W2-1 (120"x60") INTERSECTION AHEAD WARNING SIGN FOR TALBOTT ROAD

**B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR.**

ITEM	QUANTITY	UNIT	DESCRIPTION
1003	1	EA	MAINTENANCE OF TRAFFIC
2002	1	CY	TEST PIT EXCAVATION
5005	60	LF	24" HEAT APPLIED WHITE PERM PREF THERMO PVMT MARKINGS
5006	60	LF	5" HEAT APPLIED WHITE OR YELLOW PERM PVMT LINE MARKINGS
5007	50	LF	REM OF EXISTING PERM PVMT LINE MARKINGS ANY WIDTH
8012	1	EA	INSTALL STEEL STRAIN OR MAST ARM POLE WITH SINGLE OR TWIN MAST ARM (AS)
8016	1	EA	MAST ARM POLE & 60 FT MAST ARM ANY 'T' DIMENSION
8021	1	EA	REM & DISPOSE MAT & EQUIP PER ASSIGN
8035	15	LF	SCHEDULE 80 RIGID PVC CONDUIT UP TO 4 INCHES - TRENCHED
8036	180	LF	WOOD SIGN SUPPORTS UP TO 4 X 6
8038	162	SF	INSTALL OVERHEAD OR GROUND MOUNTED SIGN (INCLUDING ALL HARDWARE)
8040	20	LF	NO. 6 AWG STRANDED BARE COPPER GROUND WIRE
8042	1	EA	METERED SERVICE PEDESTAL EMBEDDED
8045	50	LF	ELECTRICAL CABLE 1-CONDUCTOR NO. 8 AWG-THHN/THWN
8046	1	EA	FURNISH AND INSTALL ELECTRICAL HANDHOLE
8050	2	EA	12 INCH LED VEHICULAR TRAFFIC SIGNAL HEAD SECTION
8056	70	LF	ELECTRICAL CABLE - 5 CONDUCTOR (NO. 14 AWG)
8064	1	EA	INSTALL CONTROLLER AND CABINET - POLE MOUNT

**PROJECT CONTACTS**

THE CONTACT PERSONS FOR DISTRICT #5 ARE AS FOLLOWS:

Kimberly Tran  
Assistant District Engineer - Traffic  
Phone: (410) 841-1019

John Mays  
Assistant District Engineer - Maintenance  
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Joe Harty  
Utility Engineer  
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Bob Snyder  
Assistant Chief, Traffic Operations Division  
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Ed Rodenhizer  
Supervisor Signal Operations, Traffic Operations Division  
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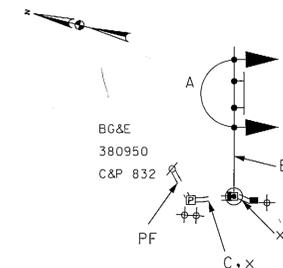
Sonny Bailey  
Supervisor Sign Shop, Traffic Operations Division  
Phone: (410) 787-7670

Service to be provided by BGE  
PENDING

**PHASE CHART**



**WIRING DIAGRAM**



- WIRING KEY**
- A+B } 5 CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG)
  - C } 3 WIRE 1 CONDUCTOR (NO. 8 AWG-THHN/THWN)
  - x } 1 CONDUCTOR (NO. 6 AWG) STRANDED COPPER GROUND WIRE
  - PF } POWER FEED BY BGE
  - ⊕ } GROUND ROD

TOD NO:XX447-08  
SHA NO:AA267A54/C54  
MD 4@ MD 794

**SHA** STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
MD 4 AT TALBOTT ROAD  
INSTALLATION OF HAZARD IDENTIFICATION BEACON  
LOTHIAN, MD

**GENERAL INFORMATION PLAN SHEET**

SCALE: NTS ADVERTISED DATE: 01-20-09 CONTRACT NO.: XX4475185

DESIGNED BY: \_\_\_\_\_ COUNTY: ANNE ARUNDEL  
DRAWN BY: NG LOGMILE: 02000401.23  
CHECKED BY: JB TIMS NO.: J430  
F.A.P. NO.: \_\_\_\_\_ TOD NO.: \_\_\_\_\_

TS NO. 4710 DRAWING - OF SHEET NO. 2 OF 2

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